

08/21/00
JC918 U.S. PTO

8-22-00

A

PATENT

Attorney Docket No. PAHTL.047A

Date: August 21, 2000

Page 1

ASSISTANT COMMISSIONER FOR PATENTS

WASHINGTON, D.C. 20231

ATTENTION: BOX PATENT APPLICATION

Sir:

Transmitted herewith for filing is the patent application of

Inventor(s): William J. Meserve, Brad Petersen

For: FIRE EXTINGUISHER WITH MEANS FOR PREVENTING FREEZING AT OUTLET

Enclosed are:

- (X) 1 sheet(s) of drawing.
- (X) Recordation form cover sheet with 2-page assignment.
- (X) A power of attorney form and copy of assignment.
- (X) Initial signed declaration by inventor(s).
- (X) Return prepaid postcard.

JC853 U.S. PTO
09/643172
08/21/00

CLAIMS AS FILED

FOR	NUMBER FILED	NUMBER EXTRA	RATE	FEE
Basic Fee			\$690	\$690
Total Claims	27 - 20 =	7 ×	\$18	\$126
Independent Claims	2 - 3 =	0 ×	\$78	\$0
If application contains any multiple dependent claims(s), then add			\$260	\$0
TOTAL FILING FEE		\$816		

- (X) A check in the amount of \$816 to cover the filing fee is enclosed.
- (X) A check in the amount of \$40 to cover the assignment recording fee.
- (X) The Commissioner is hereby authorized to charge any additional fees which may be required, now or in the future, or credit any overpayment to Account No. 11-1410. A duplicate copy of this sheet is enclosed.
- (X) Please use Customer No. 20,995 for the correspondence address.

Gordon H. Olson

Gordon H. Olson
Registration No. 20,319
Attorney of Record

H:\DOCS\JWK\JWK-3009.DOC:ah
082100

INTELLECTUAL PROPERTY LAW
BBE, MARTENS, OLSON & AR

A LIMITED LIABILITY PARTNERSHIP INCLUDING
PROFESSIONAL CORPORATIONS

PATENT, TRADEMARK AND COPYRIGHT CAUSES

620 NEWPORT CENTER DRIVE

SIXTEENTH FLOOR

NEWPORT BEACH, CALIFORNIA 92660-8016

(949) 760-0404

FAX (949) 760-9502

INTERNET: WWW.KMOB.COM

LOUIS J. KNOBBE*
DON W. MARTENS*
GORDON H. OLSON*
JAMES B. BEAR
DARRELL L. OLSON*
WILLIAM B. BUNKER
WILLIAM H. NIEMAN
ARTHUR S. ROSE
JAMES F. LESNIAK
NED A. ISRAELSEN
DREW S. HAMILTON
JERRY T. SEWELL
JOHN B. SGANGA, JR.
EDWARD A. SCHLATTER
GERARD VON HOFFMANN
JOSEPH R. RE
CATHERINE J. HOLLAND
JOHN M. CARSON
KAREN VOGEL WEIL
ANDREW H. SIMPSON
JEFFREY L. VAN HOUSEAR
DANIEL E. ALTMAN
MARGUERITE L. GUNN
STEPHEN C. JENSEN
VITO A. CANUSO III
WILLIAM H. SHREVE
LYNDA J. ZADRA-SYMES†
STEVEN J. NATAUPSKY
PAUL A. STEWART
JOSEPH F. JENNINGS
CRAIG S. SUMMERS
ANNEMARIE KAISER
BRENTON R. BABCOCK

THOMAS F. SMEGAL, JR.
MICHAEL H. TRENHOLM
DIANE M. REED
JONATHAN A. BARNEY
RONALD J. SCHOENBAUM
JOHN R. KING
FREDERICK S. BERRETTA
NANCY WAYS VENSKO
JOHN P. GIEZENTANNER
ADEEL S. AKHTAR
GINGER R. DREGER
THOMAS R. ARNO
DAVID N. WEISS
DANIEL HART, PH.D.
DOUGLAS G. MUEHLHAUSER
LORI LEE YAMATO
MICHAEL K. FRIEDLAND
STEPHEN M. LOBBIN
STACEY R. HALPERN
DALE C. HUNT, PH.D.
LEE W. HENDERSON, PH.D.
DEBORAH S. SHEPHERD
RICHARD E. CAMPBELL
MARK M. ABUMERI
JON W. GURKA
ERIC M. NELSON
MARK R. BENEDICT, PH.D.
PAUL N. CONOVER
ROBERT J. ROBY
SABING H. LEE
KAROLINE A. DELANEY
JOHN W. HOLCOMB
JAMES J. MULLEN, III, PH.D.

JOSEPH S. CIANFRANI
JOSEPH M. REISMAN, PH.D.
WILLIAM R. ZIMMERMAN
GLEN L. NUTTALL
ERIC S. FURMAN, PH.D.
TIRZAH ABE LOWE
GEOFFREY Y. IIDA
ALEXANDER S. FRANCO
SANJIVPAL S. GILL
SUSAN M. MOSS
JAMES W. HILL, M.D.
ROSE M. THIessen, PH.D.
MICHAEL L. FULLER
MICHAEL A. GUILIANA
MARK J. KERTZ
RABINDER N. NARULA
BRUCE S. ITCHKAWITZ, PH.D.
PETER M. MIDGLEY
THOMAS S. MCCLENAHAN
MICHAEL S. OKAMOTO
JOHN M. GROVER
MALLARY K. DE MERLIER
IRFAN A. LATEEF
AMY C. CHRISTENSEN
SHARON S. NG
MARK J. GALLAGHER, PH.D.
DAVID G. JANKOWSKI, PH.D.
BRIAN C. HORNE
PAYSON J. LEMEILLEUR
WILLIAM G. BERRY
DIANA W. PRINCE

OF COUNSEL
JERRY R. SEILER
PAUL C. STEINHARDT
JAPANESE PATENT ATTY
KATSUHIRO ARAI**
EUROPEAN PATENT ATTY
MARTIN HELLEBRANDT
KOREAN PATENT ATTY
MINCHEOL KIM
SCIENTISTS & ENGINEERS
(NON-LAWYERS)
RAIMOND J. SALENIEKS**
DANIEL E. JOHNSON, PH.D.**
JEFFERY KOEPKE, PH.D.**
KHURRAM RAHMAN, PH.D.
JENNIFER A. HAYNES, PH.D.
BRENDAN P. O'NEILL, PH.D.
THOMAS Y. NAGATA
LINDA H. LIU
YASHWANT VAISHNAV, PH.D.
MEGUMI TANAKA
CHE S. CHERESKIN, PH.D.**
ERIK W. ARCHBOLD
PHILIP C. HARTSTEIN
JULIE A. HOPPER
CHRIS S. CASTLE
JAMES W. AUSLEY
R. P. CARON, PH.D.
JENNIFER HAYES
KIRK E. PASTORIAN, PH.D.
CHARLES T. RIDGELY
KEITH R. MCCOLLUM
LANG J. MCHARDY

* A PROFESSIONAL CORPORATION
† ALSO BARRISTER AT LAW (U.K.)
** U.S. PATENT AGENT

Assistant Commissioner for Patents
Washington, D.C. 20231

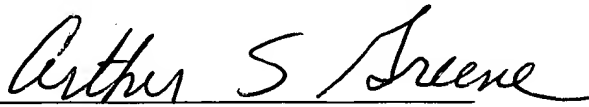
CERTIFICATE OF MAILING BY "EXPRESS MAIL"

Attorney Docket No. : PAHTL.047A
Applicant(s) : Meserve et al.
For : FIRE EXTINGUISHER WITH MEANS FOR
PREVENTING FREEZING AT OUTLET
Attorney : Gordon H. Olson
"Express Mail"
Mailing Label No. : EL707066725US
Date of Deposit : August 21, 2000

I hereby certify that the accompanying

Transmittal in Duplicate; Specification in 17 pages; 1 sheet of drawings; **SIGNED**
Declaration by Inventor in 2 pages; Recordation Form Cover Sheet and Assignment in 2
pages; Power of Attorney by Assignee in 2 pages; Check(s) for Filing Fee(s); Return
Prepaid Postcard

are being deposited with the United States Postal Service "Express Mail Post Office to Addressee"
service under 37 CFR 1.10 on the date indicated above and are addressed to the Assistant Commissioner
for Patents, Washington, D.C. 20231.


Arthur Greene

H:\DOCS\JWK\JWK-3010.DOC:ah
082100